

Typical seed mixes and soil amendments to be used in the reclamation program are outlined below:

North Tailings Seed Mix (uncovered – seed applied direct to tailings)

SPECIES	PLS LBS/ACRE (DRILLED RATE)	APPLICATION METHOD
Tall wheatgrass (<i>Elytrigia elongata</i>) 'Alkar'	4.0	Drill
Smooth brome (<i>Bromus inermis</i>) 'Manchar'	3.0	Drill
Slender wheatgrass (<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>) 'Pryor'	3.0	Drill
Sheep fescue (<i>Festuca ovina</i>) 'Covar or Marco Polo'	0.75	Drill
Bottlebrush squirreltail (<i>Elymus elymoides</i>)	1.5	Drill
Fourwing saltbush (<i>Atriplex canescens</i>)	1.0	Drill
Sand dropseed (<i>Sporobolus cryptandrus</i>)	0.5	Broadcast
Sand sage (<i>Artemisia filifolia</i>)	0.50	Broadcast
Barley (<i>Hordeum vulgare</i>)	15.0	Drill
Cereal rye (<i>Secale cereale</i>)	15.0	Drill
TOTAL	44.25	

Notes: Broadcast seeding may be done initially or within the following year

Seed mix developed in partnership with Granite Seed Company, Golder Associates and Kennecott Utah Copper

Soil amendments: 2:1 Ratio, Woodchip and Biosolids @ 30 tons/acre total

16-16-8 Fertilizer @ 100 lbs/acre (secondary application as needed)

North Tailings Seed Mix (covered – seed applied to growth media cover)

SPECIES	PLS LBS/ACRE (DRILLED RATE)	APPLICATION METHOD
Tall wheatgrass (<i>Elytrigia elongata</i>) 'Alkar'	2.0	Drill
Crested wheatgrass (<i>Agropyron desertorum</i>) 'Hycrest'	1.25	Drill
Western wheatgrass (<i>Pascopyrum smithii</i>) 'Arriba'	2.0	Drill
Russian wildrye (<i>Psathyrostachys juncea</i>) 'Bozoisky'	2.0	Drill
Indian ricegrass (<i>Achnatherum hymenoides</i>) 'Nezpar/Rimrock'	1.25	Drill
Blue grama (<i>Bouteloua gracilis</i>) 'Alma/Lovington/Hachita'	0.50	Drill
Falcata alfalfa (<i>Medicago sativa</i> spp. <i>falcata</i>)	0.25	Broadcast
Blue flax (<i>Linum perenne</i>)	0.25	Drill
Fourwing saltbush (<i>Atriplex canescens</i>)	1.0	Drill
Shadscale (<i>Atriplex confertifolia</i>)	0.5	Drill
Nevada ephedra (<i>Ephedra nevadensis</i>)	0.5	Drill
Rubber rabbitbrush (<i>Ericameria nauseosa</i>)	0.5	Broadcast
Wyoming big sagebrush (<i>Artemisia tridentata</i> ssp. <i>wyomingensis</i>)	0.5	Broadcast
Barley (<i>Hordeum vulgare</i>)	15.0	Drill
Cereal rye (<i>Secale cereale</i>)	15.0	Drill
TOTAL	42.50	

Notes: Broadcast seeding may be done initially or within the following year

Seed mix developed in partnership with Granite Seed Company, Golder Associates and Kennecott Utah Copper

Soil amendments: Straw Mulch @ 10 to 20 tons/acre

18-18-18 Fertilizer @ 200 lbs/acre (primary)

18-18-18 Fertilizer @ 100 lbs/acre (secondary application as needed)

APPROVED

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DIV. OIL GAS & MINING